

Features/Benefits of the Vantage® HE

The Infrared Heater Designed for Harsh Environments

Feature	Benefit
Layout & Installation:	
<ul style="list-style-type: none"> ▪ Burner box enhancements ▪ Aluminized tubing as well as stainless steel reflectors, end caps and leak-proof hardware ▪ Additional supports and reflectors ▪ Type B vent cap at blower inlet and at flue end ▪ Broad range of high BTUH input burners and tube lengths; straight, "U" or "L" configurations available ▪ Reflectors can be tilted or side reflectors can be added ▪ Quick assembly stainless steel couplings ▪ Standard flue connector 	<ul style="list-style-type: none"> ▪ Protects components from climatic conditions ▪ Ideal for heating harsh or corrosive environments, indoor or outdoor ▪ Capable of withstanding winds up to 40 mph ▪ Protects from wind, rain and chemicals ▪ Fits any building size or floor plan ▪ Concentrates heat where needed ▪ Minimizes installation time ▪ Easy vent installation
Operation:	
<ul style="list-style-type: none"> ▪ Operates with natural gas or LP gas (propane) ▪ Honeywell® SmartValve® II control ▪ Hot surface electronic ignition control ▪ Prepurge and timed trial for ignition with multiple ignition trial ▪ Auto reset from lockout ▪ Low-intensity infrared heat ▪ Deep-dish, high efficiency aluminum reflectors with end caps 	<ul style="list-style-type: none"> ▪ Fuel efficient and environmentally friendly ▪ Combines the gas valve and electronic ignition control functions into one single unit ▪ Reliable start-up ▪ Reduces nuisance lockouts ▪ Resets the system after one hour of lockout and begins another sequence for ignition ▪ Warms people and objects directly, not the air ▪ Maximizes energy reflection; minimizes heat loss by convection
Safety:	
<ul style="list-style-type: none"> ▪ SmartValve® II control provides all gas ignition safety functions ▪ CSA design certified ▪ Electrical and burner components separated by a partition ▪ Vinyl coated stainless steel flex gas connector included ▪ Door interlock switch ▪ Detailed Installation, Operation and Service manual 	<ul style="list-style-type: none"> ▪ Controls gas flow, ignition source and combustion air blower and monitors pressure switch ▪ Independent testing to industry standards ▪ Minimizes negative effects of contaminants and back draft ▪ Reliable, durable gas piping ▪ Halts burner operation for service ▪ Reduces installation time and errors; easy to troubleshoot and repair
Maintenance:	
<ul style="list-style-type: none"> ▪ Diagnostic capability incorporated in burner design ▪ Separate burner compartment ▪ Durable, spot welded burner construction with electrostatically applied paint ▪ Removable burner doors ▪ Mica flame observation window ▪ Three-year limited warranty on all components 	<ul style="list-style-type: none"> ▪ Reduces service time ▪ Protects valuable electrical controls from heat exposure and extends life of componentry ▪ Strong, long-lasting unit ▪ Easy access for service ▪ Flame verification and burner operation easy to observe ▪ No hidden short-term exceptions for electrical and gas components



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